

62593

STATE OF ILLINOIS \*\* Anchor rod shall be ground or DEPARTMENT OF TRANSPORTATION filed to bright metal at clamp and cable connection location. For 12" Support Frame For 6"\$, 8"\$ and 10"\$ Support Frames Top Elevation B◀ŋ -#5h(E) (Typ.) Each Er Approved clamps for grounding\*\* Bar s(E) #5 s(E) 12'' at OC For 12" Support Frame 3'-0" -0'-6" Min. 1'-0" Max. For 6"4, 8"4 and 10"4 2'-6" F shape. -1" Preformed Joint Support Frames #6 copper Filler (Typ.) wire or cable #5 h(E) (Top & Bottom) 2" Min Cir--#5 s(E) @ 12" Cts. (Sides & Top) -#5 h (E) Clr. (Typ.) #9 v(E) bars " ∮ x 8'-0" copper weld ground rod driven into ground 7'-0''. Cost of rod, cable, conduit, caps and clamps shall be included in "Drilled For 6"\$, 8"\$ and 10"\$ Support Frames

Shaft Concrete Foundations".

SIDE ELEVATION

with no construction joint.

Concrete Foundation poured monolithically

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation

without the Engineer's written permission. Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection

A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included

in "Drilled Shaft Concrete Foundation". Face of median support foundation shall match dimensions of permanent barrier wall

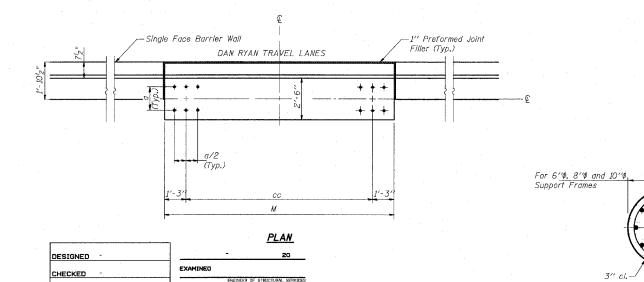
Refer to the lighting plans for location and orientation of the conduit.

## BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape	
h(E)	10	#5	M less 4"		
s(E)	Varies	#5	Varies		
v(E)	16	#9	F less 0'-5"		
#4(E,	) bar spire	a/ _ see	Side Elevation		

Foundations: The contract unit price for "Drilled Shaft Concrete Foundations" shall include: All necessary excavation or drilling (except in rock), disposal of unsultable or surplus material, formwork, and furnishing and placing the Class SJ Concrete, reinforcement bars, conduit, anchor bolts, nuts, washers and ground rods complete in place.

## **END VIEW**



/ Bottom

Elevation

3 hoops minimum top and bottom

(Typ.)

Structure Station Number Station			Left Foundation		Right Foundation				Class SI	
	Station	Elevation Top	Elevation Bottom	В	F	Elevation Top	Elevation Bottom	В	F	Concrete (Cu. Yds.)
IS0161057R358.1	133+09	6.70	-11.64	14.5′	18.34′					9.33
						'	· · · · · · · · · · · · · · · · · · ·			

MODIFIED BY T.Y. LIN INTERNATIONAL FROM 0S4-MED

For 12" Support Frame

SECTION B-B

SECTION A-A

Support

`—#4(E) bar spiral

cc

8"\$ 7'-6" 10'-0" 1'-1\( \frac{1}{2} \)
10"\$ 8'-3" 10'-9" 1'-3"

ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.I. 94 (DAN RYAN EXPRESSWAY)

OVERHEAD SIGN STRUCTURES MEDIAN SUPPORT DETAILS FOR 32" SINGLE FACE BARRIER WALL

SCALE: AS NOTED DATE: MARCH 1, 2006

DRAWN BY: AMB CHECKED BY: TB

**TYLIN**INTERNATIONAL

DRAWN

CHECKED